UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/077,012	02/15/2002	Virinder M. Batra	RSW920010183US1	3519

7590   04/19/2005

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EXAMINER
CHOUDHURY, AZIZUL Q

ART UNIT	PAPER NUMBER
2145	

DATE MAILED: 04/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/077,012	BATRA ET AL.
	Examiner	**Art Unit**	
	Azizul Choudhury	2145	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _15 February 2002_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-6_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-6_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _15 February 2002_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All   b)☐ Some * c)☐ None of:

     1.☐ Certified copies of the priority documents have been received.

     2.☐ Certified copies of the priority documents have been received in Application No. _____.

     3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _2/15/02_.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

Detailed Action

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Requena

(US Pat No: US 20020126701A1).

1. With regards to claim 1, Requena teaches a method of processing requests from

location-based service applications for location-based services provided by a

plurality of disparate location-based service providers, comprising the steps of the

location service: receiving requests for location based-services; determining from

each said request a particular location-based service provider which can service

said request; specifically formatting each said request according to a specific format

specified, by said particular location-based service provider; uniformly formatting

each said result set; and, to forwarding said uniformly formatted result sets to the

location-based service applications (Requena discloses a design for presence

based services for mobile computing devices (such as cell phones) (paragraphs 12

and 61, Requena). The design allows for services, including instant messaging

(paragraph 37, Requena). As seen in Figure 1, when a user uses the instant

messaging application, the user enters data that is submitted to a location-based

service provider (nearby server). The user also receives messages (data) from the

closest server. The user is able to move around and so the server that is

considered nearby is able to change. Whenever data is sent or received, it must be

formatted as claimed. It must be since each user's device may be using a different

format and multiple users are permitted within the design).

2. With regards to claim 2, Requena teaches the method wherein said uniformly

formatted result sets are result sets which have been formatted according to the

Geography Markup Language (GML) (Requena's design allows for the use of

Geography Markup Language (paragraph 120, Requena).

3. With regards to claim 3, Requena teaches a common location-based service

adapter interface, comprising: a uniform input interface through which

location-based services can be requested using a uniform format which is

independent of any specific formatting required by a particular service adapter

configured to process said location-based services; and, a uniform output interface

through which specifically formatted result sets can be formatted using said uniform

format (Requena's design allows for users to use instant messaging as their

application (paragraph 37, Requena). In instant messaging, users are provided

uniform interfaces as claimed. Data sent and received by users are all in a single

format. The data is only changed in format by computing devices from a uniform

format to a format understandable to the users).

4. With regards to claim 4, Requena teaches the common location-based service

   adapter interface wherein said uniform input interface comprises: a plurality of

   location-based service adapter objects, each said adapter object being configured

   to provide said at least one location-based service responsive to receiving a

   uniformly formatted location-based service request; a location service object

   configured to provide a reference to a particular one of said location-based service

   adapter objects based upon a specified location-based service; and, a plurality of

   location request objects configured to define location-based service request

   parameters required by generic ones of said location-based service adapter objects

   (Requena discloses a design for presence based services for mobile computing

   devices (such as cell phones) (paragraphs 12 and 61, Requena). The design

   allows for services, including instant messaging (paragraph 37, Requena). As seen

   in Figure 1, when a user uses the instant messaging application, the user enters

   data that is submitted to a location-based service provider (nearby server). The

   user also receives messages (data) from the closest server. The user is able to

   move around and so the server that is considered nearby is able to change.

   Whenever data is sent or received, it must be formatted as claimed. It must be

since each user's device may be using a different format and multiple users are

permitted within the design).

5. With regards to claim 5, Requena teaches a machine readable storage having

stored thereon a computer program for processing requests from location-based

service applications for location-based services provided by a plurality of disparate

location-based service providers, the computer program comprising a routine set of

instructions for causing the machine to perform the steps of: receiving requests for

location based-services; determining from each said request a particular

location-based service provider which can service said request; specifically

formatting each said request according to a specific format specified by said

particular location-based service provider, and uniformly formatting each said result

set; and, forwarding said uniformly formatted result sets to the location-based

service applications (Requena discloses a design for presence based services for

mobile computing devices (such as cell phones) (paragraphs 12 and 61, Requena).

The design allows for services, including instant messaging (paragraph 37,

Requena). As seen in Figure 1, when a user uses the instant messaging

application, the user enters data that is submitted to a location-based service

provider (nearby server). The user also receives messages (data) from the closest

server. The user is able to move around and so the server that is considered

nearby is able to change. Whenever data is sent or received, it must be formatted

as claimed. It must be since each user's device may be using a different format and

multiple users are permitted within the design).

6. The machine readable storage of claim 5, wherein said uniformly formatted result

   sets are result sets which have been formatted according to the Geography Markup

   Language (GML) (Requena's design allows for the use of Geography Markup

   Language (paragraph 120, Requena).
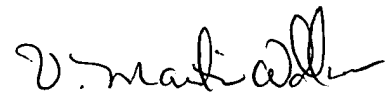

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Azizul Choudhury whose telephone number is (571)

272-3909. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Valencia Martin-Wallace can be reached on (571) 272-6159. The fax phone

number for the organization where this application or proceeding is assigned is 703-

872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

AC

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